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# NOTICE OF ALLOWANCE AND FEE(S) DUE

23456

7590

03/11/2005

WADDEY & PATTERSON 414 UNION STREET, SUITE 2020 BANK OF AMERICA PLAZA NASHVILLE, TN 37219

. EXAMINER			
JONES	, MELVIN		
ART UNIT	PAPER NUMBER		

DATE MAILED: 03/11/2005

[	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	10/073,513	02/11/2002	B. Ryland Wiggs	N8232	5297

TITLE OF INVENTION: CLOSED LOOP DIRECT EXPANSION HEATING AND COOLING SYSTEM WITH AUXILIARY REFRIGERANT PUMP

APPLN, TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$0	\$700	06/13/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

maintenance fee notifications	<b>.</b>			•			
CURRENT CORRESPONDENCE	ADDRESS (Note: Use Block 1 for a	ny change of address)		Note: A certificate of Fee(s) Transmittal. T	of mailing can only be used for his certificate cannot be used to nal paper, such as an assignment	or domestic mailings of the for any other accompanying ent or formal drawing, must	
23456 759	03/11/2005			have its own certifica	nal paper, such as an assignmente of mailing or transmission.	, or rounar aran ing, mage	
WADDEY & PAT	ΓTERSON			C	ertificate of Mailing or Trans	mission	
414 UNION STREE	ET, SUITE 2020			I hereby certify that	this Fee(s) Transmittal is being	g deposited with the United	
BANK OF AMERIC				States Postal Service addressed to the Ma	: with sufficient postage for fir ail Ston ISSUF FFF address	st class mail in an envelope	
NASHVILLE, TN 3				transmitted to the US	this Fee(s) Transmittal is being with sufficient postage for fir ail Stop ISSUE FEE address PTO (703) 746-4000, on the d	late indicated below.	
,						(Depositor's name)	
						(Signature)	
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nonprovisional	YES	\$700		\$0	\$700	06/13/2005	
EXAMI		ART UNIT	CL	ASS-SUBCLASS			
JONES, M	IELVIN	3744		062-260000			
1. Change of correspondence CFR 1.363).	address or indication of "Fe	•		he patent front page,	•		
Change of corresponde	nce address (or Change of (2) attached.	Correspondence or ag	gents OR, alten		J		
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PTO/SB/47; Rev 03-02 or Number is required.	on (or "Fee Address" Indica more recent) attached. Use	of a Customer 2 regulation	gistered patent d, no name wil	or agent) and the na attorneys or agents. I be printed.	If no name is 3		
3. ASSIGNEE NAME AND	RESIDENCE DATA TO BI	E PRINTED ON THE PA	TENT (print o	r type)			
PLEASE NOTE: Unless a recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion of	low, no assignee data wi f this form is NOT a subs	ill appear on the stitute for filing	e patent. If an assig an assignment.	gnee is identified below, the d	ocument has been filed for	
(A) NAME OF ASSIGNE	E	(B) RESII	DENCE: (CIT	Y and STATE OR CO	OUNTRY)		
Please check the appropriate a				☐ Individual ☐ 0	Corporation or other private gro	oup entity Government	
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Advance Order - # of 0	Copies	The Deposi	e Director is h it Account Nur	ereby authorized by nber	charge the required fee(s), or (enclose an extra c	credit any overpayment, to opy of this form).	
5. Change in Entity Status (	from status indicated above) [ALL ENTITY status. See 3		Applicant is no	longer claiming SM	ALL ENTITY status. See 37 C	EP 1 27(a)(2)	
NOTE: The Issue Fee and Pul nterest as shown by the recor	blication Fee (if required) was of the United States Pate	ill not be accepted from a nt and Trademark Office.	anyone other th	an the applicant; a re	sly paid issue fee to the applica gistered attorney or agent; or the	ne assignee or other party in	
Authorized Signature				Date			
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## United States Patent and Trademark Office

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BANK OF A	,			ART UNIT	PAPER NUMBER
NASHVILLE	, TN 37219			3744	
				DATE MAILED: 03/11/2009	•

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.